Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV021020\
Data File : VV014551.D
Acq On : 10 Feb 2020 14:56
Operator : SY/MD
Sample : MDL07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 11 05:34:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM020620W.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 11 04:43:03 2020
Response via : Initial Calibration

Instrument : MSVOA_V
ClientSampleId : MDL07

Manual Integrations APPROVED
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2/12/2020 3:06:31 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	324348	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	303747	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	151094	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	70446	40.05	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 80.10%			
7) Chloroethane-d5	1.59	69	50835	41.94	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 83.88%			
11) 1,1-Dichloroethene-d2	2.13	63	88749	33.22	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.44%			
21) 2-Butanone-d5	3.92	46	130880	96.39	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 96.39%			
24) Chloroform-d	4.40	84	194763	48.59	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.18%			
26) 1,2-Dichloroethane-d4	5.08	65	126205	51.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.16%			
32) Benzene-d6	5.10	84	409017	48.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.26%			
36) 1,2-Dichloropropane-d6	6.11	67	126919	49.21	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.42%			
41) Toluene-d8	7.36	98	388159	50.12	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.24%			
43) trans-1,3-Dichloropropene-	7.66	79	67087	48.51	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.02%			
47) 2-Hexanone-d5	8.13	63	106730	97.27	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 97.27%			
56) 1,1,2,2-Tetrachloroethane-	10.25	84	170227	50.83	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.66%			
66) 1,2-Dichlorobenzene-d4	11.67	152	150108	51.80	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	6873	2.645	ug/L	99
3) Chloromethane	1.26	50	6712	2.551	ug/L	96
5) Vinyl chloride	1.32	62	4948	2.456	ug/L #	68
6) Bromomethane	1.54	94	2262	2.441	ug/L	89
8) Chloroethane	1.60	64	2583	2.580	ug/L	98
9) Trichlorofluoromethane	1.77	101	7361	2.712	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	4314	3.310	ug/L #	79
12) 1,1-Dichloroethene	2.14	96	3834	3.076	ug/L #	1
13) Acetone	2.19	43	7371	6.484	ug/L	96
14) Carbon disulfide	2.32	76	14739	2.435	ug/L	98
15) Methyl Acetate	2.46	43	5244	2.399	ug/L	95
16) Methylene chloride	2.54	84	6706	2.832	ug/L	93
17) trans-1,2-Dichloroethene	2.79	96	5909	2.690	ug/L	96
18) Methyl tert-butyl Ether	2.80	73	17998	2.588	ug/L	99
19) 1,1-Dichloroethane	3.23	63	9302	2.368	ug/L	93
20) cis-1,2-Dichloroethene	3.96	96	6371	2.578	ug/L	91
22) 2-Butanone	4.03	43	6853	4.076	ug/L	88

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.30	128	3281m	2.803 ug/L		
25) Chloroform	4.42	83	15093	3.779 ug/L		99
27) 1,2-Dichloroethane	5.18	62	8845	2.972 ug/L		97
29) Cyclohexane	4.73	56	9326	2.497 ug/L		95
30) 1,1,1-Trichloroethane	4.66	97	9577	2.763 ug/L		97
31) Carbon tetrachloride	4.87	117	8683	2.839 ug/L		92
33) Benzene	5.15	78	24378	2.730 ug/L		100
34) Trichloroethene	5.96	95	6426	2.715 ug/L		95
35) Methylcyclohexane	6.18	83	9837	2.543 ug/L		95
37) 1,2-Dichloropropane	6.22	63	5571	2.449 ug/L		98
38) Bromodichloromethane	6.56	83	8133	2.664 ug/L	#	95
39) cis-1,3-Dichloropropene	7.07	75	9885	2.605 ug/L		95
40) 4-Methyl-2-pentanone	7.27	43	13458	4.579 ug/L		99
42) Toluene	7.43	91	26239	2.740 ug/L		98
44) trans-1,3-Dichloropropene	7.69	75	9586	2.818 ug/L		100
45) 1,1,2-Trichloroethane	7.88	97	5985	2.743 ug/L		98
46) Tetrachloroethene	8.02	164	5222	2.892 ug/L		96
48) 2-Hexanone	8.18	43	11222	4.959 ug/L	#	94
49) Dibromochloromethane	8.29	129	6279	2.549 ug/L		93
50) 1,2-Dibromoethane	8.40	107	6343	2.684 ug/L	#	96
51) Chlorobenzene	8.92	112	17630	2.819 ug/L		98
52) Ethylbenzene	9.05	91	28949	2.696 ug/L		99
53) m,p-Xylene	9.18	106	10333	2.498 ug/L		98
54) o-Xylene	9.59	106	10519	2.657 ug/L		98
55) Styrene	9.60	104	17351	2.565 ug/L		96
57) 1,1,2,2-Tetrachloroethane	10.28	83	10548	3.084 ug/L		95
59) Bromoform	9.77	173	4200	2.492 ug/L	#	93
60) Isopropylbenzene	9.97	105	27676	2.709 ug/L		99
61) 1,2,3-Trichloropropane	10.31	75	7627	2.850 ug/L		96
62) 1,3,5-Trimethylbenzene	10.58	105	22189	2.537 ug/L		99
63) 1,2,4-Trimethylbenzene	10.95	105	21163	2.454 ug/L		99
64) 1,3-Dichlorobenzene	11.22	146	13133	2.725 ug/L		100
65) 1,4-Dichlorobenzene	11.31	146	14246	2.871 ug/L		98
67) 1,2-Dichlorobenzene	11.68	146	13414	2.871 ug/L		90
68) 1,2-Dibromo-3-chloropropan	12.47	75	2271	3.031 ug/L		88
69) 1,3,5-Trichlorobenzene	12.69	180	9139	2.692 ug/L		97
70) 1,2,4-trichlorobenzene	13.31	180	7688	2.466 ug/L		97
71) Naphthalene	13.55	128	25258	2.467 ug/L		98
72) 1,2,3-Trichlorobenzene	13.79	180	7221	2.384 ug/L		92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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